

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

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GENERAL INFORMATION:

Name:	Inoac Packaging Group
Address:	901 Nutter Drive Bardstown, KY 40004
Date application received:	May 16, 2005
SIC/Source description:	3085/ Plastic cosmetic bottles production facility
Source I. D. No.:	021-179-00040
Source AI No.:	3258
Activity No.:	APE20050004
Permit number:	F-06-021

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants)

EMISSIONS SUMMARY:

Pollutant	Potential Emissions (TPY)	Estimated Actual Emissions (TPY)	Allowable Emissions (TPY)
PM/PM10	1.16 (Controlled)	0.248 (Controlled)	2.34 lbs/hr per press
VOC	109	22.8	90
Toluene	26.3	5.50	9.00
MIBK	25.8	5.49	9.00
Xylene (HAP)	19.4	5.97	9.00
Combined HAPs	71.5	17.0	22.5

SOURCE PROCESS DESCRIPTION:

Inoac Packaging Group operates a plastic cosmetic bottles production facility (primary SIC code 3085). The source produces plastic cosmetic bottles from plastic resins using an injection blow molding process. The source uses the injection blow molding machines to process plastic resins to produce the bottles. Silkscreen printing, hot stamping and spray coating processes are used to coat the bottles. The source consists of the following permitted emission units and pollution control devices:

- (a) Four (4) mini-frosters, identified as EP6 and constructed in 2000, each with a maximum capacity of 0.4383 gallon coating per hour. Booths are equipped with cartridge filters to control particulate matter emissions.
- (b) Two (2) mini-frosters, identified as EP7-EP8 and constructed in 2002, each with a maximum capacity of 0.4383 gallon coating per hour. Booths are equipped with cartridge filters to control particulate matter emissions.
- (c) Two (2) mini-frosters, identified as EP11-EP12 and projected for construction on December 2006, each with a maximum capacity of 0.4383 gallon coating per hour. Booths are equipped with cartridge filters to control particulate matter emissions.
- (d) Several Insignificant Activities as listed in SECTION C of the permit.

EMISSION AND OPERATING CAPS DESCRIPTION:

The source has accepted a facility-wide limit on annual VOC emission to no more than 90 tons. The actual VOC emissions shall be calculated based on 12-month rolling total.

The source has also accepted a facility-wide limits on annual single HAP emissions to no more than 9.0 tons and combined HAPS 22.5 tons. The actual HAPs emissions shall be calculated based on 12-month rolling total.